

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050224\
 Data File : VY018106.D
 Acq On : 02 May 2024 10:06
 Operator : SY/MD
 Sample : VY0502SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 02 22:58:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050124S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 01 16:21:20 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.783	168	313063	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	539808	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	470089	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	186183	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	129861	52.625	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.240%	
35) Dibromofluoromethane	7.716	113	157465	50.760	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.520%	
50) Toluene-d8	10.179	98	592377	48.915	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 97.820%	
62) 4-Bromofluorobenzene	12.483	95	187542	44.999	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 90.000%	

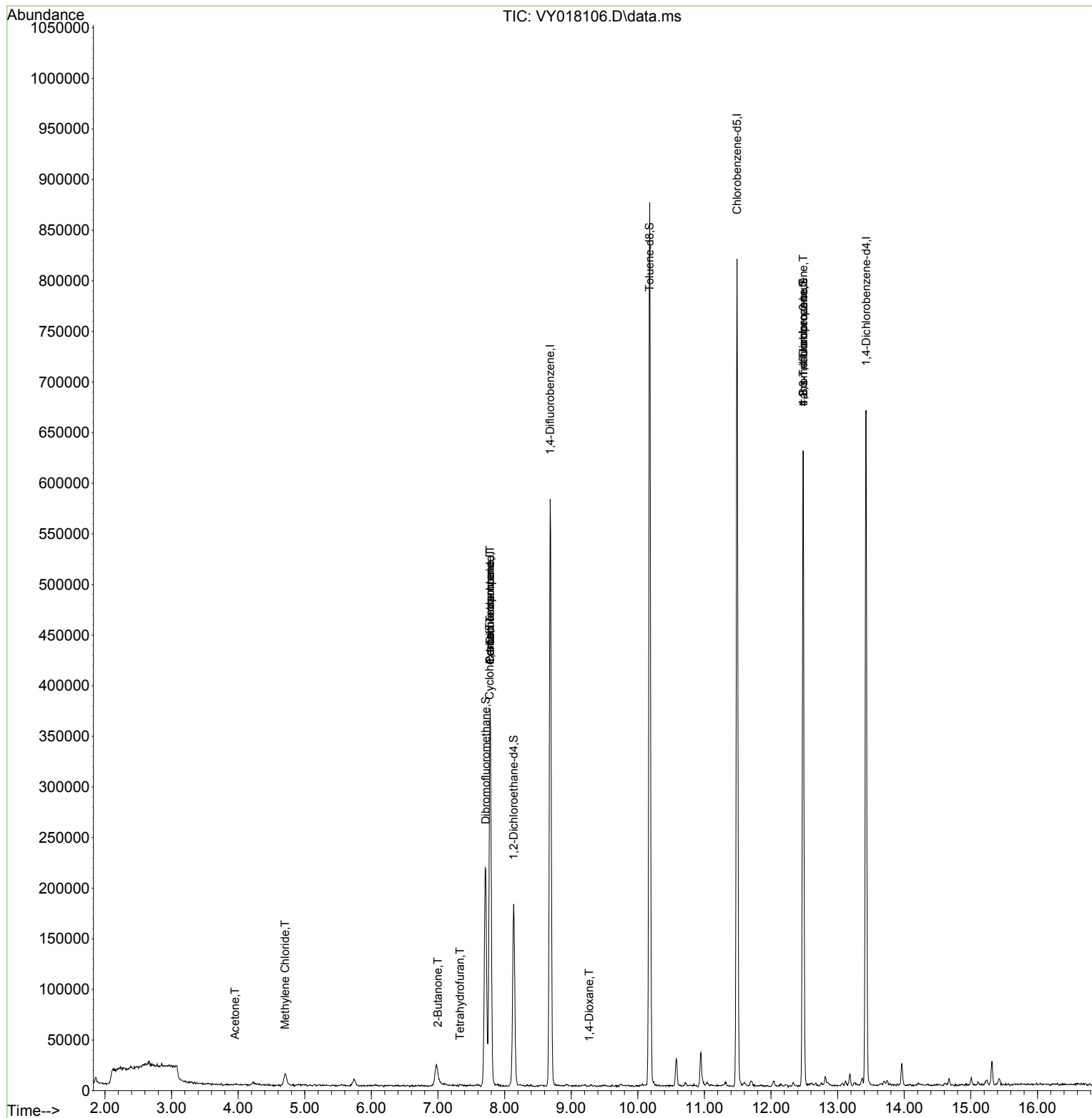
Target Compounds			Qvalue			
16) Acetone	3.954	43	1355	2.882	ug/l #	82
20) Methylene Chloride	4.704	84	9398	2.853	ug/l	89
25) 2-Butanone	6.996	43	1435	1.962	ug/l #	77
29) Tetrahydrofuran	7.332	42	541	1.164	ug/l #	82
31) Cyclohexane	7.777	56	5290	1.119	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	21182	5.115	ug/l #	48
38) Carbon Tetrachloride	7.783	117	28126	5.984	ug/l #	17
49) 1,4-Dioxane	9.270	88	34	1.736	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	91944	58.842	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	91944	107.197	ug/l #	16

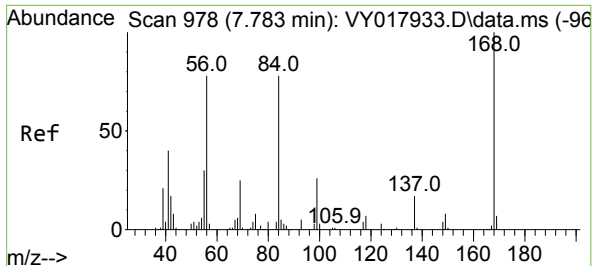
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050224\
Data File : VY018106.D
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Operator : SY/MD
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Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
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Instrument :
MSVOA_Y
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Quant Time: May 02 22:58:37 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050124S.M
Quant Title : SW846 8260
QLast Update : Wed May 01 16:21:20 2024
Response via : Initial Calibration

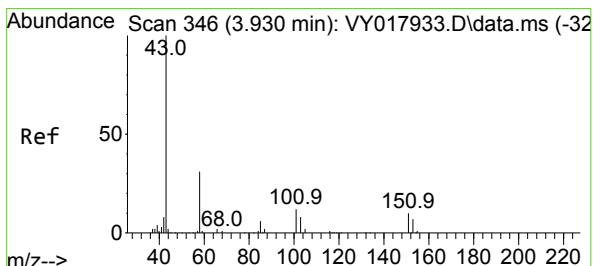
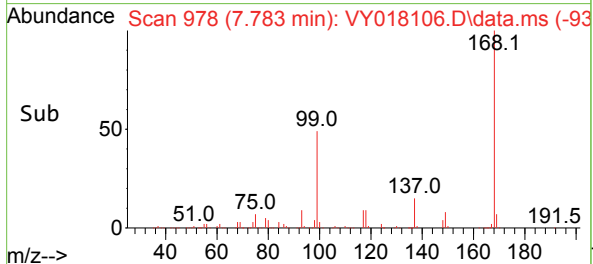
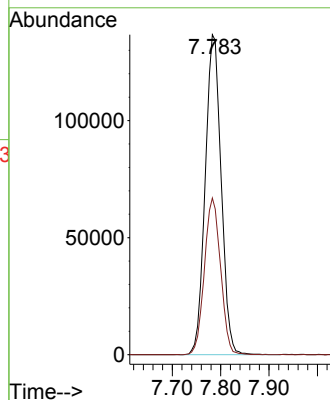
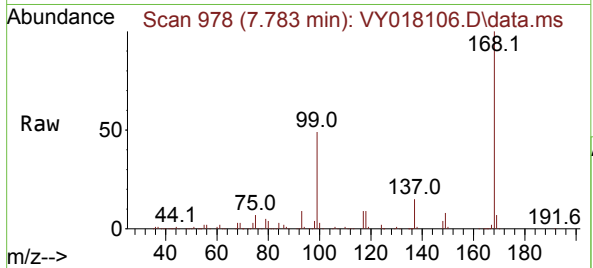




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018106.D
Acq: 02 May 2024 10:06

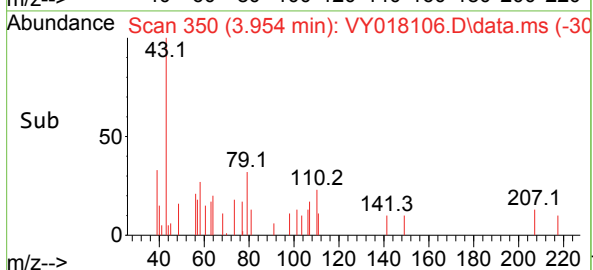
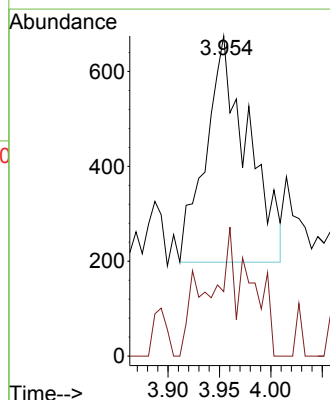
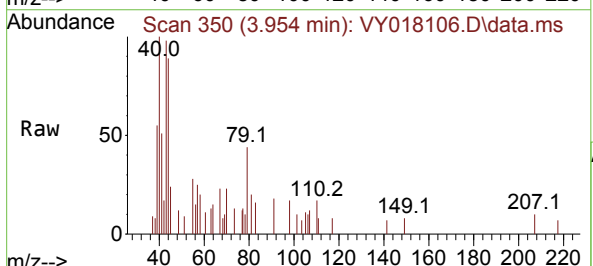
Instrument :
MSVOA_Y
ClientSampleId :

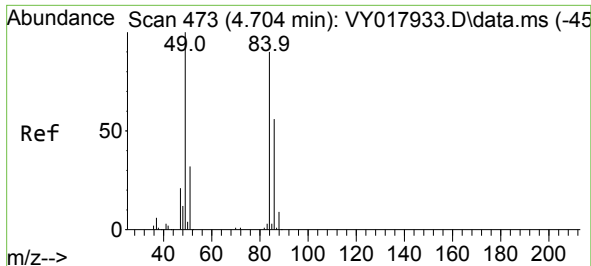
Tgt Ion:168 Resp: 313063
Ion Ratio Lower Upper
168 100
99 49.0 39.1 58.7



#16
Acetone
Concen: 2.882 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY018106.D
Acq: 02 May 2024 10:06

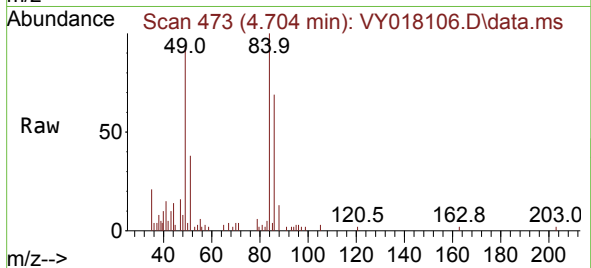
Tgt Ion: 43 Resp: 1355
Ion Ratio Lower Upper
43 100
58 28.5 31.7 47.5#



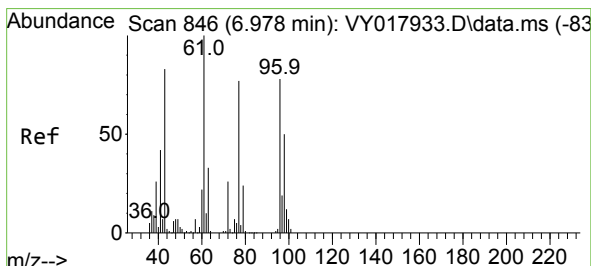
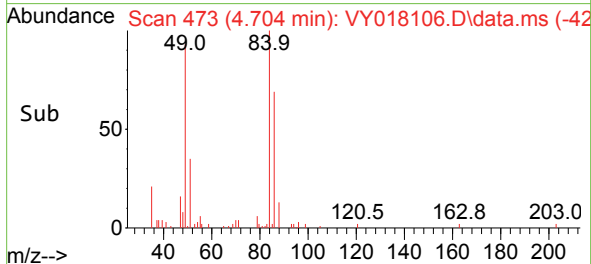
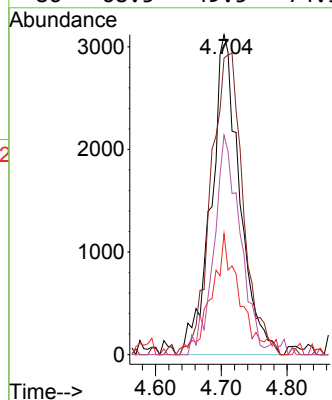


#20
Methylene Chloride
Concen: 2.853 ug/l
RT: 4.704 min Scan# 41
Delta R.T. -0.012 min
Lab File: VY018106.D
Acq: 02 May 2024 10:06

Instrument :
MSVOA_Y
ClientSampleId :

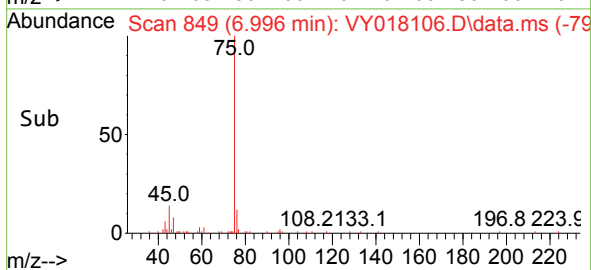
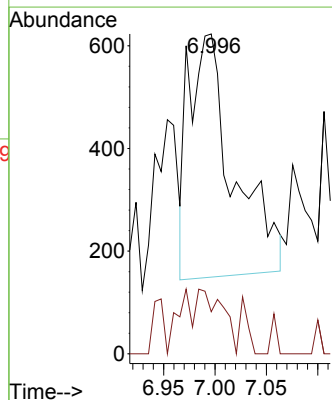
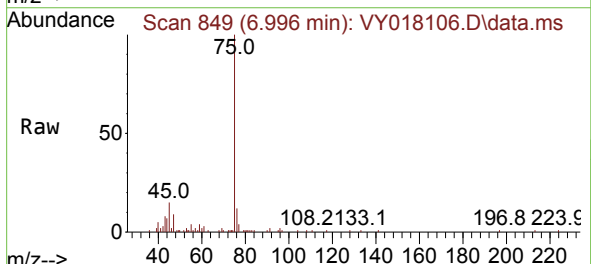


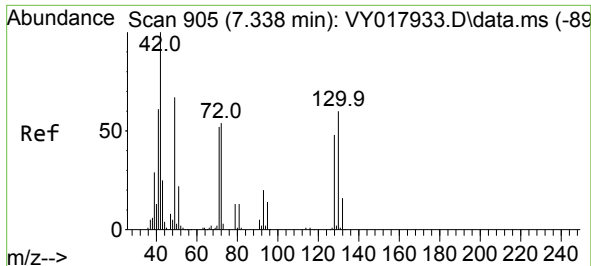
Tgt Ion:	84	Resp:	9398
Ion	Ratio	Lower	Upper
84	100		
49	92.7	84.4	126.6
51	37.7	26.0	39.0
86	68.5	49.5	74.3



#25
2-Butanone
Concen: 1.962 ug/l
RT: 6.996 min Scan# 849
Delta R.T. 0.012 min
Lab File: VY018106.D
Acq: 02 May 2024 10:06

Tgt Ion:	43	Resp:	1435
Ion	Ratio	Lower	Upper
43	100		
72	21.0	27.3	40.9#





#29

Tetrahydrofuran

Concen: 1.164 ug/l

RT: 7.332 min Scan# 905

Delta R.T. -0.018 min

Lab File: VY018106.D

Acq: 02 May 2024 10:06

Instrument :

MSVOA_Y

ClientSampleId :

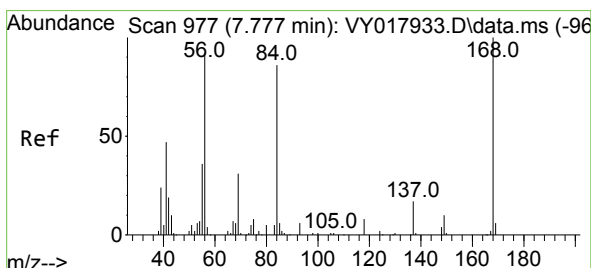
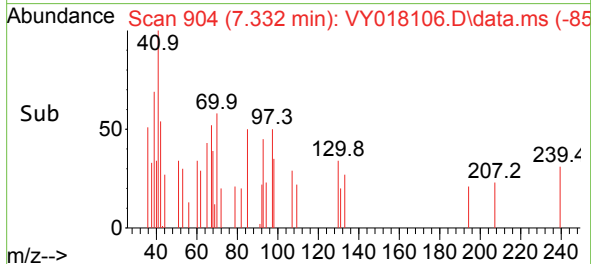
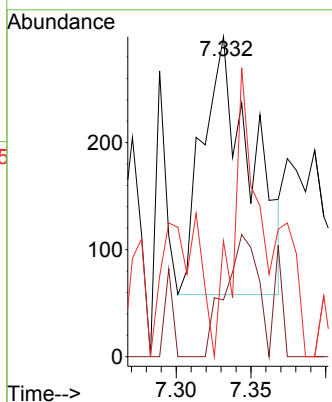
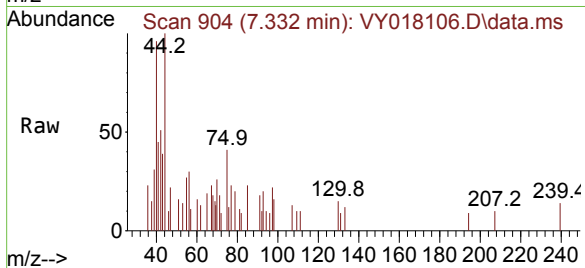
Tgt Ion: 42 Resp: 541

Ion Ratio Lower Upper

42 100

72 32.0 43.0 64.4#

71 54.7 40.8 61.2



#31

Cyclohexane

Concen: 1.119 ug/l

RT: 7.777 min Scan# 977

Delta R.T. -0.006 min

Lab File: VY018106.D

Acq: 02 May 2024 10:06

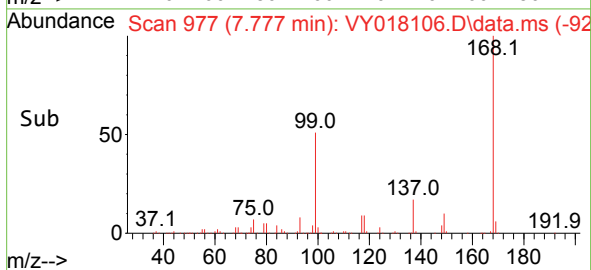
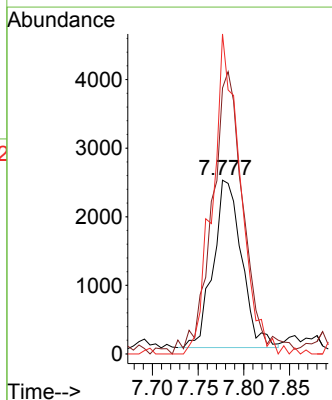
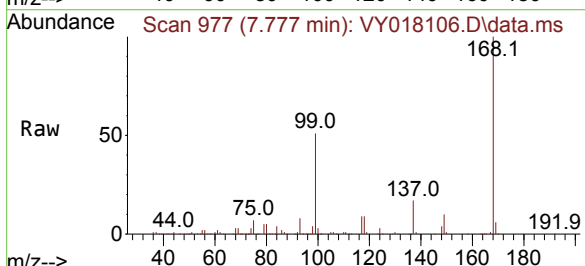
Tgt Ion: 56 Resp: 5290

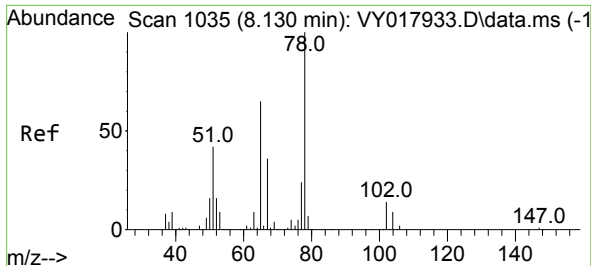
Ion Ratio Lower Upper

56 100

69 150.7 28.7 43.1#

84 191.2 77.7 116.5#

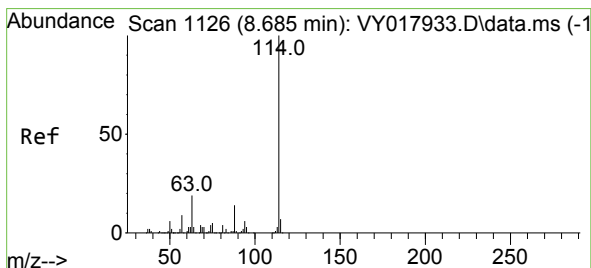
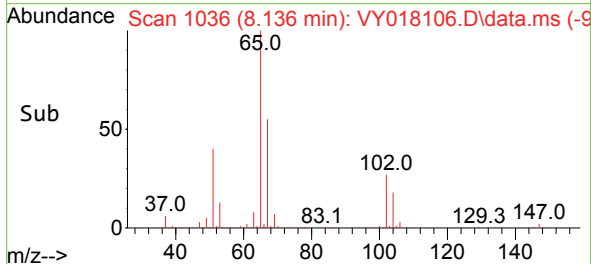
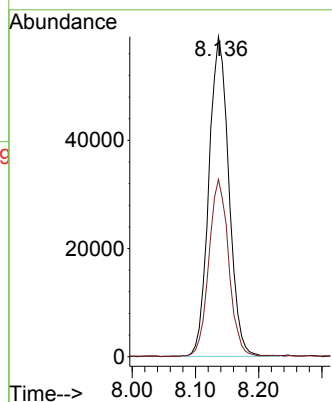
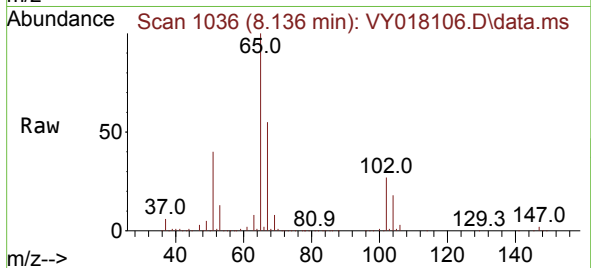




#33
 1,2-Dichloroethane-d4
 Concen: 52.625 ug/l
 RT: 8.136 min Scan# 1035
 Delta R.T. -0.006 min
 Lab File: VY018106.D
 Acq: 02 May 2024 10:06

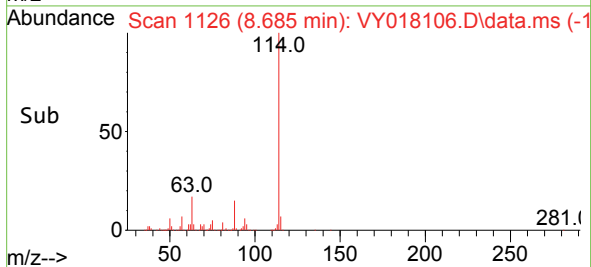
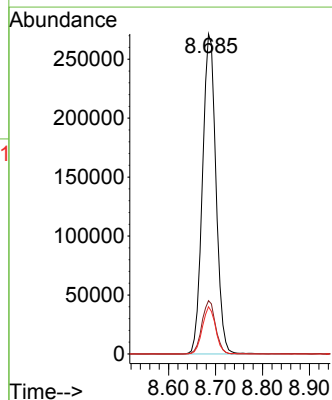
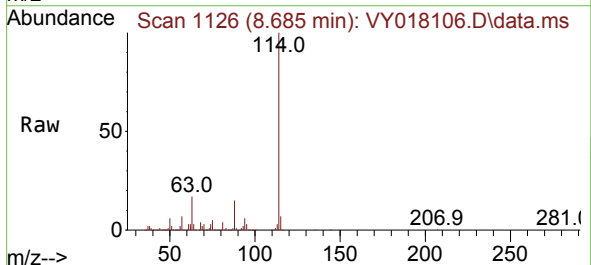
Instrument :
 MSVOA_Y
 ClientSampleId :

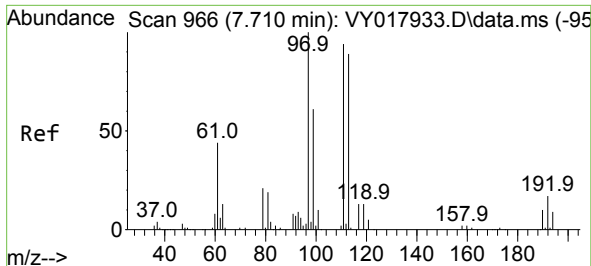
Tgt Ion: 65 Resp: 129861
 Ion Ratio Lower Upper
 65 100
 67 55.2 0.0 109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. -0.006 min
 Lab File: VY018106.D
 Acq: 02 May 2024 10:06

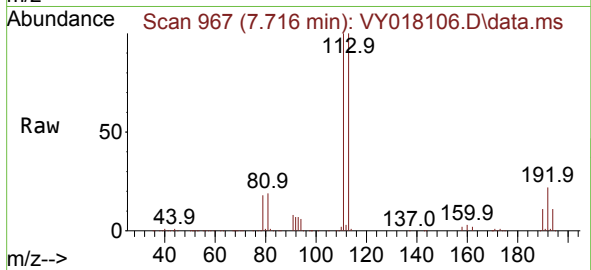
Tgt Ion: 114 Resp: 539808
 Ion Ratio Lower Upper
 114 100
 63 16.7 0.0 35.0
 88 14.8 0.0 27.2



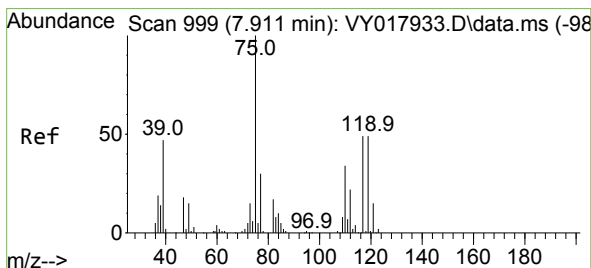
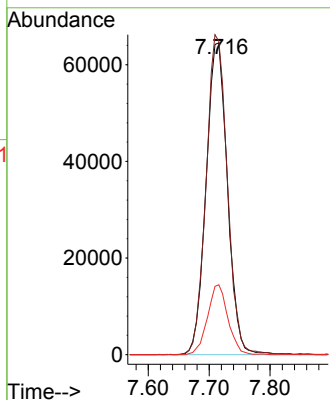
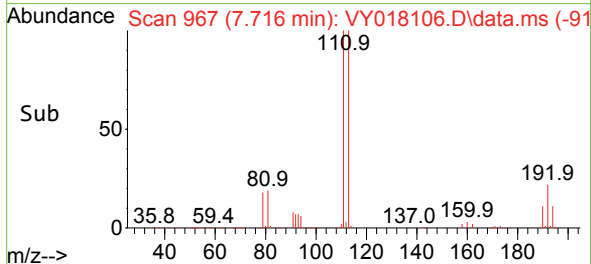


#35
Dibromofluoromethane
Concen: 50.760 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018106.D
Acq: 02 May 2024 10:06

Instrument :
MSVOA_Y
ClientSampleId :

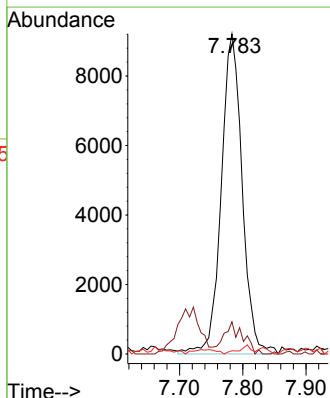
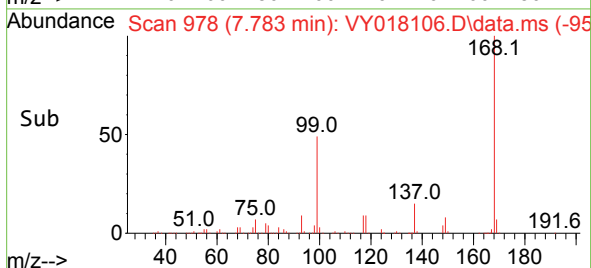
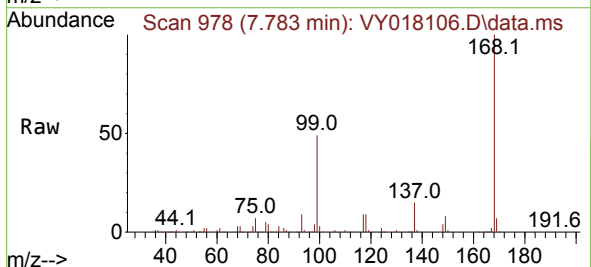


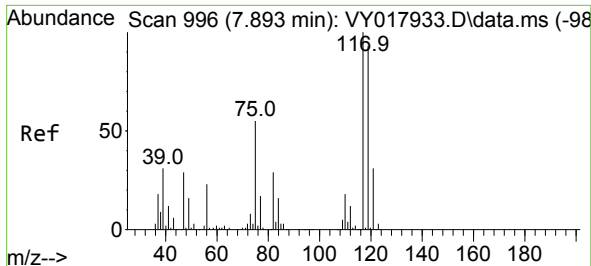
Tgt Ion:113 Resp: 157465
Ion Ratio Lower Upper
113 100
111 102.2 82.2 123.4
192 21.4 15.9 23.9



#36
1,1-Dichloropropene
Concen: 5.115 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY018106.D
Acq: 02 May 2024 10:06

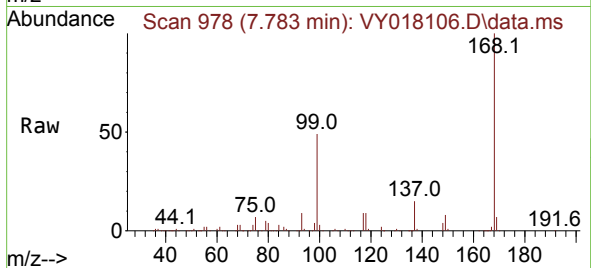
Tgt Ion: 75 Resp: 21182
Ion Ratio Lower Upper
75 100
110 9.1 19.0 57.0#
77 0.0 25.3 37.9#



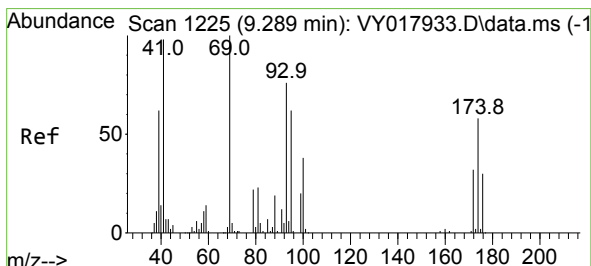
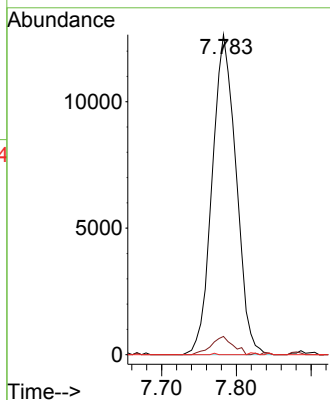
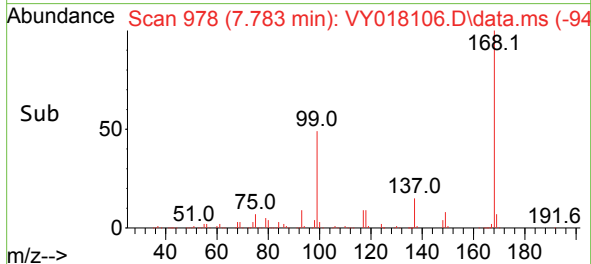


#38
Carbon Tetrachloride
Concen: 5.984 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY018106.D
Acq: 02 May 2024 10:06

Instrument :
MSVOA_Y
ClientSampleId :

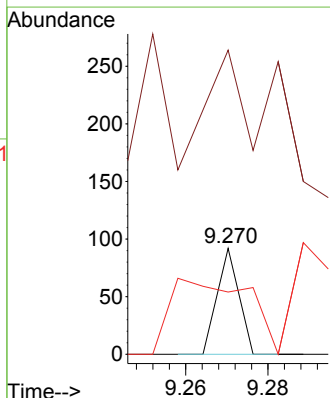
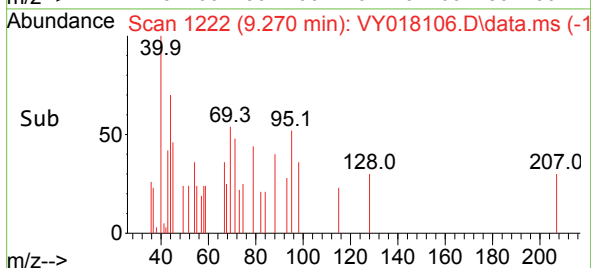
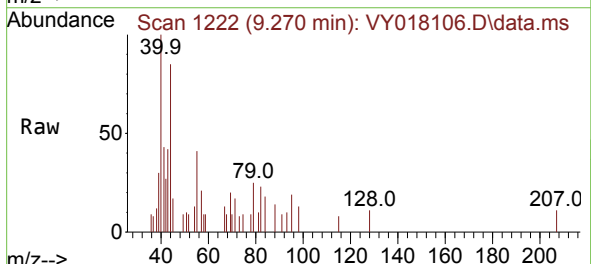


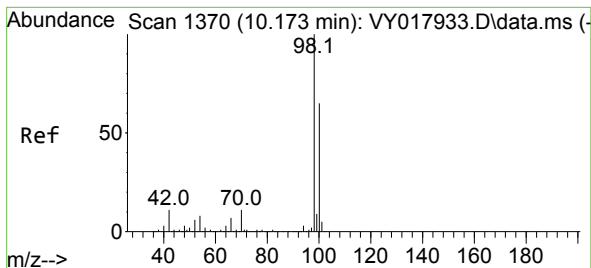
Tgt Ion:117 Resp: 28126
Ion Ratio Lower Upper
117 100
119 5.7 75.8 113.6#
121 0.0 24.0 36.0#



#49
1,4-Dioxane
Concen: 1.736 ug/l
RT: 9.270 min Scan# 1222
Delta R.T. -0.031 min
Lab File: VY018106.D
Acq: 02 May 2024 10:06

Tgt Ion: 88 Resp: 34
Ion Ratio Lower Upper
88 100
43 323.5 0.0 0.0#
58 255.9 49.3 73.9#





#50

Toluene-d8

Concen: 48.915 ug/l

RT: 10.179 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY018106.D

Acq: 02 May 2024 10:06

Instrument :

MSVOA_Y

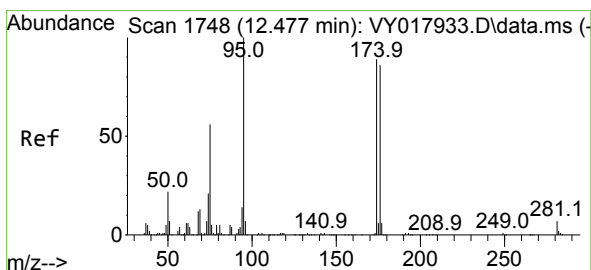
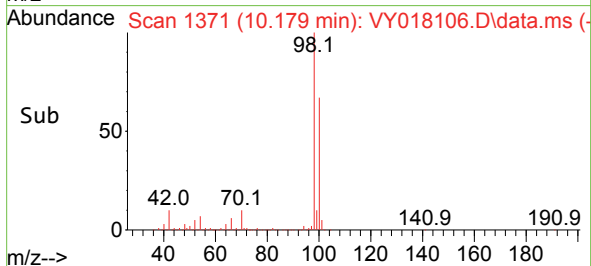
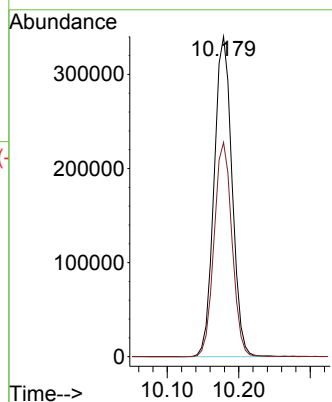
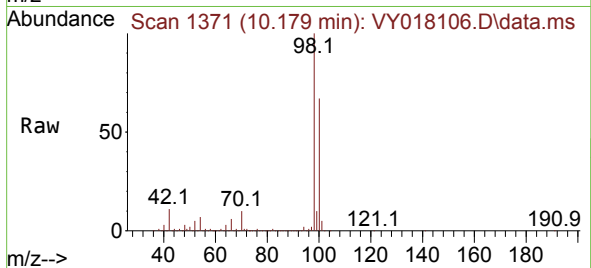
ClientSampleId :

Tgt Ion: 98 Resp: 592377

Ion Ratio Lower Upper

98 100

100 66.8 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 44.999 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY018106.D

Acq: 02 May 2024 10:06

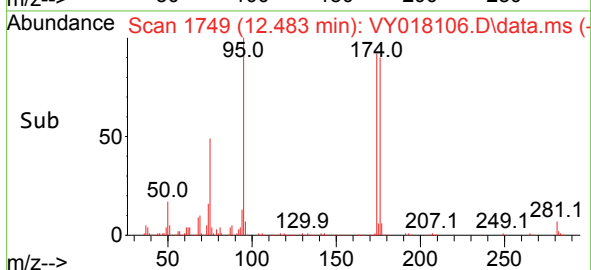
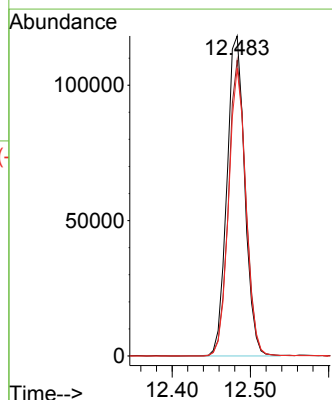
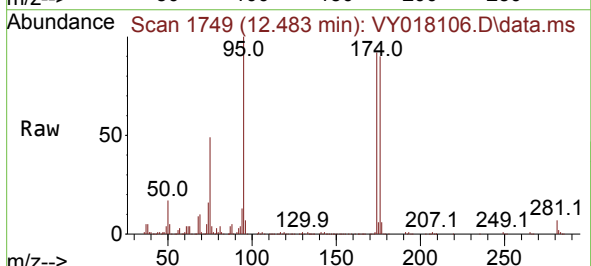
Tgt Ion: 95 Resp: 187542

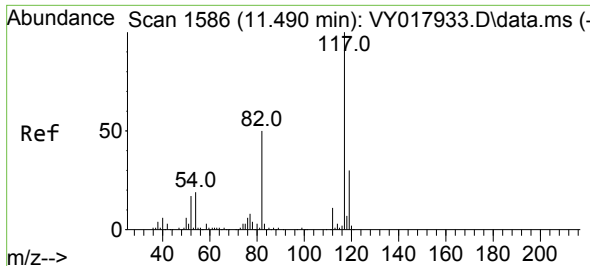
Ion Ratio Lower Upper

95 100

174 89.7 0.0 175.6

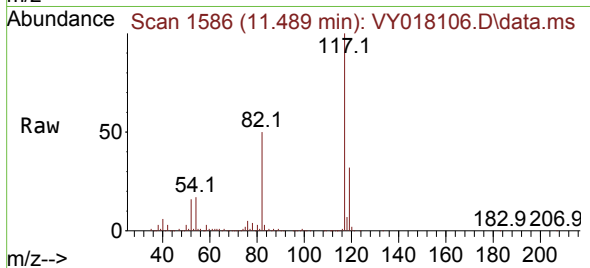
176 87.1 0.0 171.4



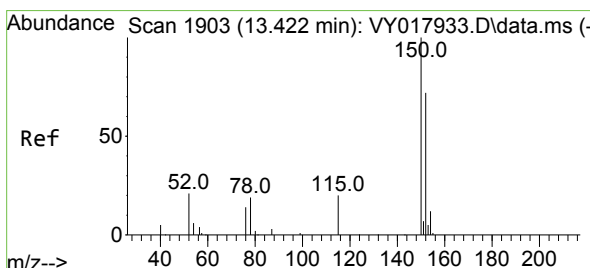
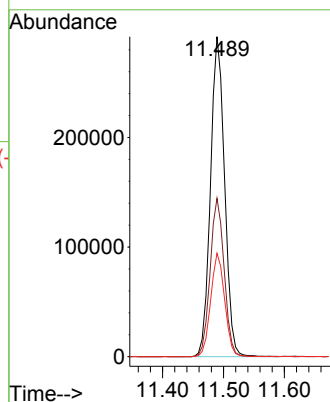
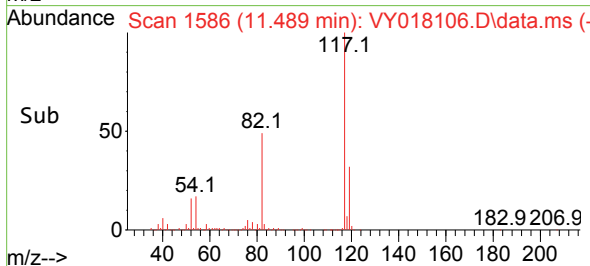


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018106.D
Acq: 02 May 2024 10:06

Instrument :
MSVOA_Y
ClientSampleId :

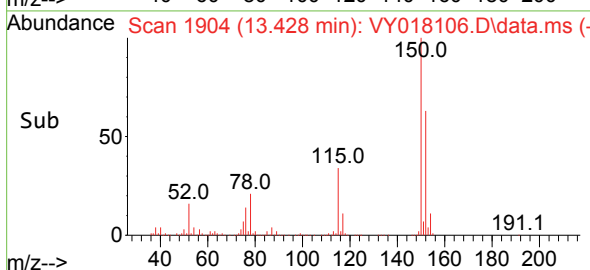
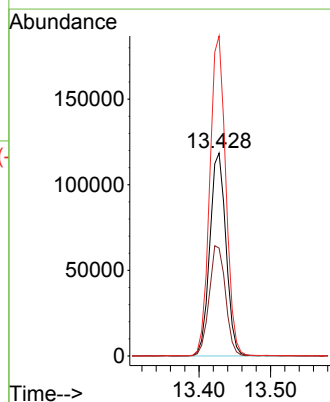
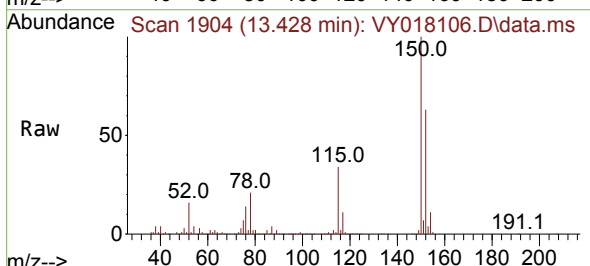


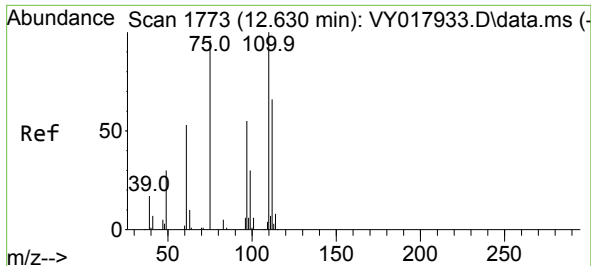
Tgt Ion:117 Resp: 470089
Ion Ratio Lower Upper
117 100
82 49.5 42.4 63.6
119 32.3 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY018106.D
Acq: 02 May 2024 10:06

Tgt Ion:152 Resp: 186183
Ion Ratio Lower Upper
152 100
115 54.7 28.2 84.7
150 155.6 0.0 345.6

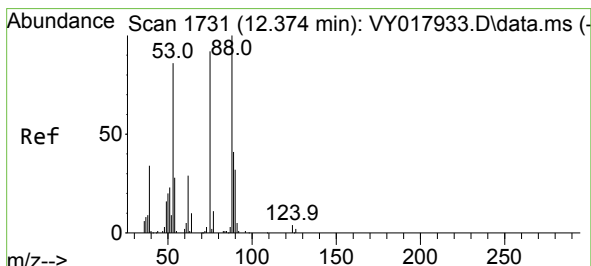
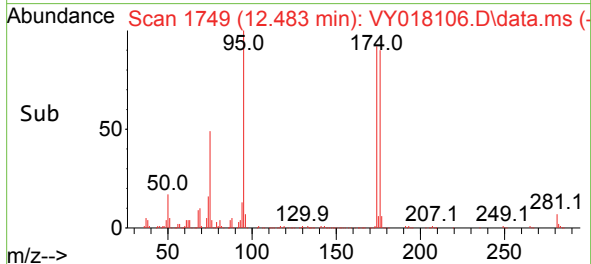
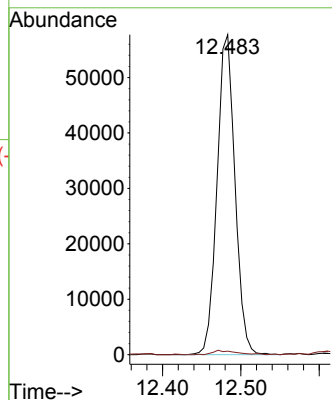
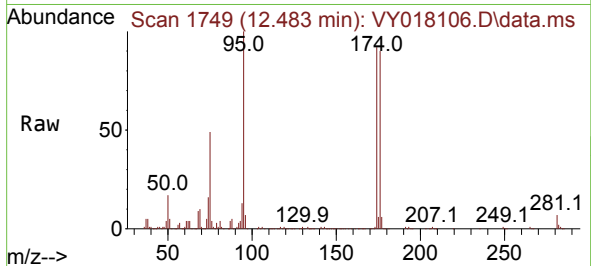




#76
1,2,3-Trichloropropane
Concen: 58.842 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY018106.D
Acq: 02 May 2024 10:06

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 91944
Ion Ratio Lower Upper
75 100
77 1.8 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 107.197 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY018106.D
Acq: 02 May 2024 10:06

Tgt Ion: 75 Resp: 91944
Ion Ratio Lower Upper
75 100
53 0.1 66.8 100.2#
89 0.4 35.8 53.6#

